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ADVANCED RESEARCH PROJECTS AGENCY  
WASHINGTON 25, D. C.

ARPA Order No. 38-59  
Amendment No. 3

April 16, 1959 Date

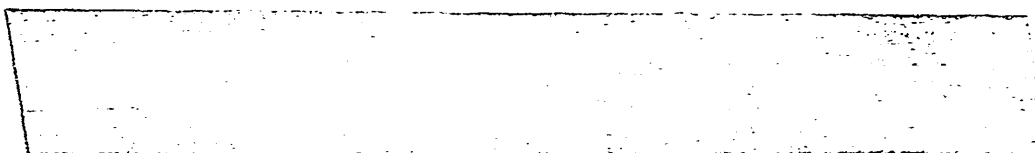
TO: Commander  
Air Research and Development Command  
Andrews Air Force Base  
Washington 25, D. C.

On the basis of an on-site detailed technical review of the MIDAS Phase I Development Plan, the \$20,200,000 FY 1959 Phase I program relating to the four experimental flights is approved subject to the following changes:

1. The program objective shall be strongly reoriented to give a high priority to deriving from each flight a maximum of quantitative, scientific, and engineering data to insure the accumulation of sufficient data to:

a. Predict the success or failure of an alarm system in an operational role;

b. Permit progressive improvement of the alarm system during the development program; and



2. The contractor shall be directed to analyze quantitatively the gains in background rejection, possible through signal-data processing, for example for use of moving-target-indicator methods.

Details on the above changes will be forwarded under separate cover.

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In addition to Phase I, FY 1959 funds in the amount of \$2,600,000 are authorized only for the urgent lead-time procurement required for boosters, vehicles and engines under Phase II.

Total FY 1959 funding in the amount of \$22,800,000 mentioned above is contingent upon ARPA's receipt of additional funds from the Secretary of Defense Emergency Fund. In the interim, the fund availability is hereby increased from \$8,000,000 to a new total of \$10,800,000 under appropriation and account symbol "97X0113.002 Salaries and Expenses, Advanced Research Projects Agency, Department of Defense."



Roy W. Johnson  
Director

Copy to: Secretary of the Air Force

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